



Fuel filtration unit

Fort Carson Projects:

- ✓ Fluorescent bulb crushing and recycling
- ✓ Weapons cleaning machines
- ✓ P2 Training video
- ✓ Composting toilets
- ✓ Utility system upgrades
- ✓ Parts washer filtration units/distillation units
- ✓ Less hazardous hospital equipment sterilization
- ✓ Solar battery charger
- ✓ Recycle collection service
- ✓ Renewable energy projects
- ✓ Dust control
- ✓ Re-refined oil program
- ✓ Oil filter and aerosol can draining, crushing and recycling
- ✓ Environmentally friendly cleaning supplies
- ✓ Aqueous engine block parts washers
- ✓ Horizontal axis washing machines
- ✓ Composting of bio-solids
- ✓ Erosion control
- ✓ Water conservation
- ✓ Pesticide/herbicide reduction

Benefits:

- ✓ Save \$\$\$.
- ✓ Safer work environment.
- ✓ Reduce reporting requirements.
- ✓ Reduce liability.
- ✓ Reduce clean-up costs.
- ✓ Reduce expenditure on raw materials.
- ✓ Reduce handling, storage, transportation costs, training and management costs.
- ✓ Improve air and water quality.
- ✓ Improve quality of life.
- ✓ Improve training resources.
- ✓ Improve readiness.



If you are interested in more information on any of these initiatives please feel free to contact the Pollution Prevention Coordinator, Scott Clark, at (719) 526-1739.

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Fort Carson Pollution Prevention

Challenges:

- ✓ Reduce solid and hazardous waste leaving the installation.
- ✓ Improve year 2010 energy efficiency 35% compared to baseline year 1985.
- ✓ Reduce year 2010 greenhouse.

What is pollution prevention (P2)?

- ✓ Reduction of hazardous materials, hazardous waste, solid waste and energy usage.
- ✓ Addresses all media (air, water, land and energy) together, i.e. it doesn't transfer problems from one media to another.
- ✓ Installation activities in partnership with DECAM consist of:
 - P2 Projects
 - Energy Management
 - Recycle Center
 - Inspection/Customer Assistance



Environmental Control Hierarchy:

- ✓ Source Reduction examples:
 - Process Changes
 - Material Substitution
 - Parts Cleaners
 - Inventory Control
 - Better Housekeeping
 - Preventative Recycling
- ✓ Recycling/Reuse:
 - **P2 Center**: Freon, motor oil, contaminated fuel, oil filters, aerosol cans, fluorescent bulbs
 - **Recycle Center**: Cardboard, cans, paper, plastics, etc.
 - **Off-post disposal**: Paint, household hazardous material
 - **Laundry Service**: Washable rags
- ✓ Treatment and Disposal are last resorts.

Awareness:

- ✓ Keep EPOs trained.
- ✓ Reduce hazardous and solid waste in your work area.
- ✓ Set up a recycle point.
- ✓ Turn off lights and computers/monitors when not needed.
- ✓ Use water wisely.
- ✓ Turn heat down when building is not occupied (winter), turn up AC in summer when not in use.
- ✓ Think of ways to save resources.
- ✓ Your ideas are important. Submit them to DECAM or the Environmental Quality Working Group (EQWG) representative.

